

*Amendments to the Claims*

1 - 40. (cancelled)

41. (new) An isolated peptide 9, 10, or 11 amino acids in length comprising an oligopeptide selected from the group consisting of:

KVFGSLAFV (SEQ ID NO: 4233), and

VVLGVVFGV (SEQ ID NO:4239).

42. (new) The peptide of claim 41, which is 11 amino acids in length.

43. (new) The peptide of claim 41, which is 10 amino acids in length.

44. (new) The peptide of claim 41, which is 9 amino acids in length.

45. (new) The peptide of claim 41, which is fused to a T helper peptide.

46. (new) The peptide of claim 41, which is fused to spacer or linker amino acids.

47. (new) The peptide of claim 41, which is fused to a carrier.

48. (new) The peptide of claim 41, which is linked to a lipid.

49. (new) A fusion protein comprising the peptide of claim 41.

50. (new) A homopolymer of the peptide of claim 41.

51. (new) A heteropolymer of the peptide of claim 41 and one or more different peptides.

- 52. (new) A composition comprising the peptide of claim 41 and a carrier.
- 53. (new) A composition comprising the peptide of claim 41 and a liposome.
- 54. (new) A composition comprising the peptide of claim 41, and one or more different peptides.
- 55. (new) The composition of claim 54, wherein said peptides form a fusion protein.
- 56. (new) The composition of claim 54, which comprises a carrier.
- 57. (new) The composition of claim 54, wherein said peptides are fused by spacer or linker amino acids.
- 58. (new) The composition of claim 54, which comprises a pharmaceutically acceptable carrier.
- 59. (new) The peptide of claim 41, which comprises KVFGSLAFV (SEQ ID NO: 4233).
- 60. (new) The peptide of claim 59, which is 11 amino acids in length.
- 61. (new) The peptide of claim 59, which is 10 amino acids in length.
- 62. (new) The peptide of claim 59, which is 9 amino acids in length.
- 63. (new) The peptide of claim 59, which is fused to a T helper peptide.
- 64. (new) The peptide of claim 63, wherein the T helper peptide is a

universal T helper cell epitope.

65. (new) The peptide of claim 64, wherein the universal T helper epitope comprises the peptide aKXVWANTLKAAa (SEQ ID NO:4226), wherein "X" is either cyclohexylalanine, phenylalanine, or tyrosine, and "a" is either D-alanine or L-alanine.

66. (new) The peptide of claim 59, which is fused to spacer or linker amino acids.

67. (new) The peptide of claim 59, which is fused to a carrier.

68. (new) The peptide of claim 59, which is linked to a lipid.

69. (new) A fusion protein comprising the peptide of claim 59.

70. (new) A homopolymer of the peptide of claim 59.

71. (new) A heteropolymer of the peptide of claim 59 and one or more different peptides.

72. (new) A composition comprising the peptide of claim 59 and a carrier.

73. (new) A composition comprising the peptide of claim 59 and a liposome.

74. (new) A composition comprising the peptide of claim 59 and a pharmaceutically acceptable carrier.

75. (new) A composition comprising the peptide of claim 59, and one or more different peptides.

76. (new) The peptide of claim 41, which comprises VVLGVVFGV (SEQ ID NO:4239).

77. (new) The peptide of claim 76, which is 11 amino acids in length.

78. (new) The peptide of claim 76, which is 10 amino acids in length.

79. (new) The peptide of claim 76, which is 9 amino acids in length.

80. (new) The peptide of claim 76, which is fused to a T helper peptide.

81. (new) The peptide of claim 80, wherein the T helper peptide is a universal T helper cell epitope.

82. (new) The peptide of claim 81, wherein the universal T helper epitope comprises the peptide aKXVWANTLKAAa (SEQ ID NO:4226), wherein "X" is either cyclohexylalanine, phenylalanine, or tyrosine, and "a" is either D-alanine or L-alanine.

83. (new) The peptide of claim 76, which is fused to spacer or linker amino acids.

84. (new) The peptide of claim 76, which is fused to a carrier.

85. (new) The peptide of claim 76, which is linked to a lipid.

86. (new) A fusion protein comprising the peptide of claim 76.

87. (new) A homopolymer of the peptide of claim 76.

88. (new) A heteropolymer of the peptide of claim 76 and one or more different peptides.
89. (new) A composition comprising the peptide of claim 76 and a carrier.
90. (new) A composition comprising the peptide of claim 76 and a liposome.
91. (new) A composition comprising the peptide of claim 76 and a pharmaceutically acceptable carrier.
92. (new) A composition comprising the peptide of claim 76, and one or more different peptides.

This listing of claims will replace all prior versions and listings of claims in the application.